

Case No. : <u>GTS20221226006-1-2</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.1.31</u>	Test Engineer: <u>Jenny zeng</u>

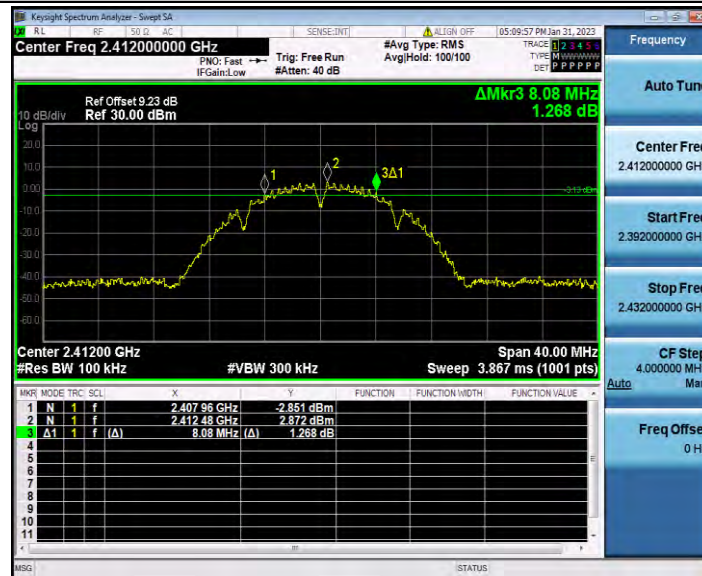
Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	8.040	2433.000	2441.040	0.5	PASS
		2462	8.520	2458.000	2466.520	0.5	PASS
11G	Ant1	2412	13.760	2405.760	2419.520	0.5	PASS
		2437	15.240	2429.520	2444.760	0.5	PASS
		2462	14.440	2454.720	2469.160	0.5	PASS
11N20SISO	Ant1	2412	15.280	2404.520	2419.800	0.5	PASS
		2437	15.080	2429.520	2444.600	0.5	PASS
		2462	15.480	2454.120	2469.600	0.5	PASS
11N40SISO	Ant1	2422	33.920	2405.680	2439.600	0.5	PASS
		2437	33.840	2420.760	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS
11AX20SISO	Ant1	2412	17.920	2402.960	2420.880	0.5	PASS
		2437	17.600	2428.240	2445.840	0.5	PASS
		2462	16.440	2453.160	2469.600	0.5	PASS
11AX40SISO	Ant1	2422	36.400	2404.480	2440.880	0.5	PASS
		2437	36.720	2418.920	2455.640	0.5	PASS
		2452	35.840	2433.760	2469.600	0.5	PASS

Test Graphs

11B_Ant1_2412



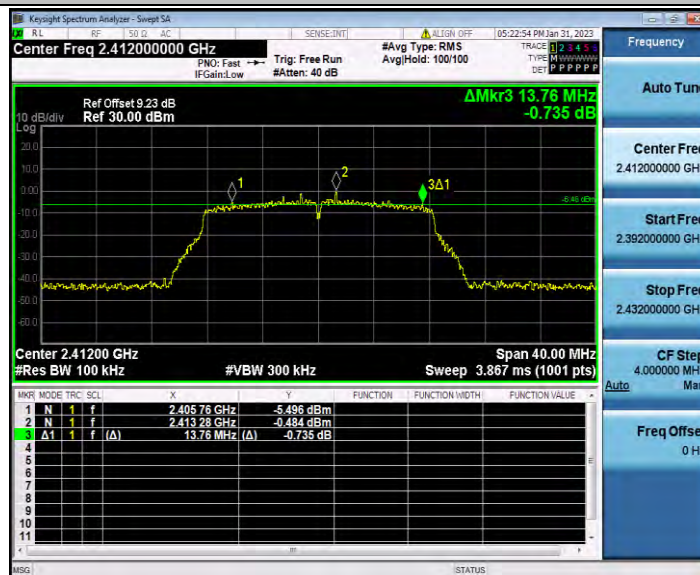
11B_Ant1_2437



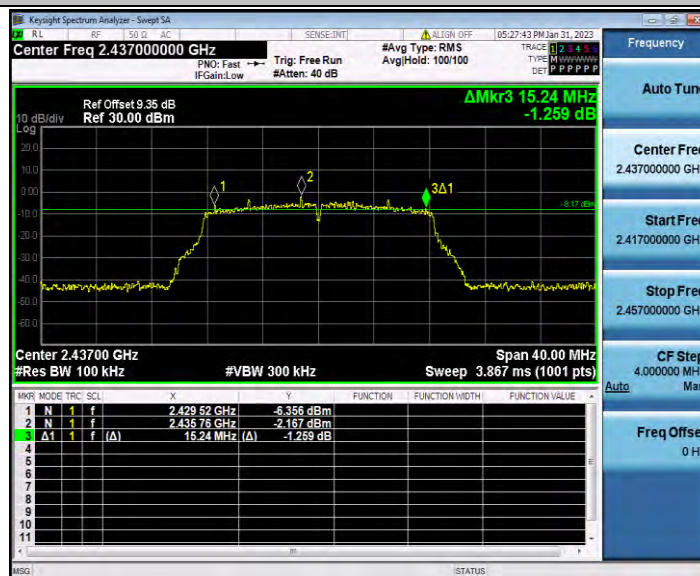
11B_Ant1_2462



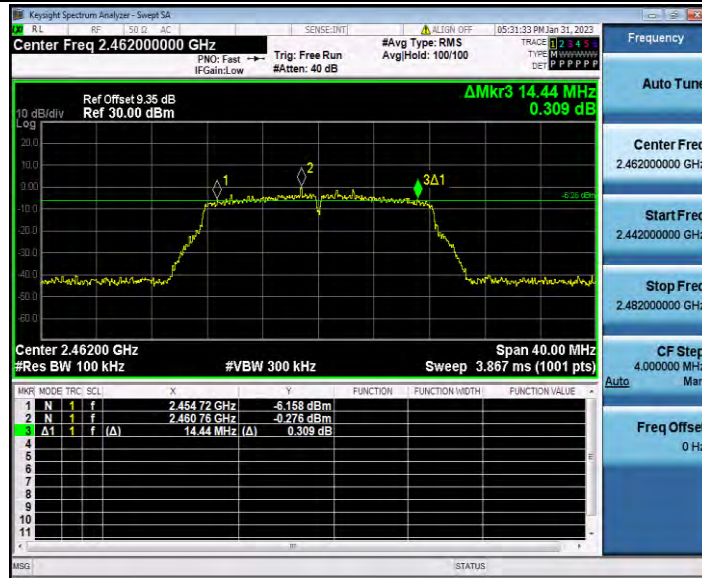
11G_Ant1_2412



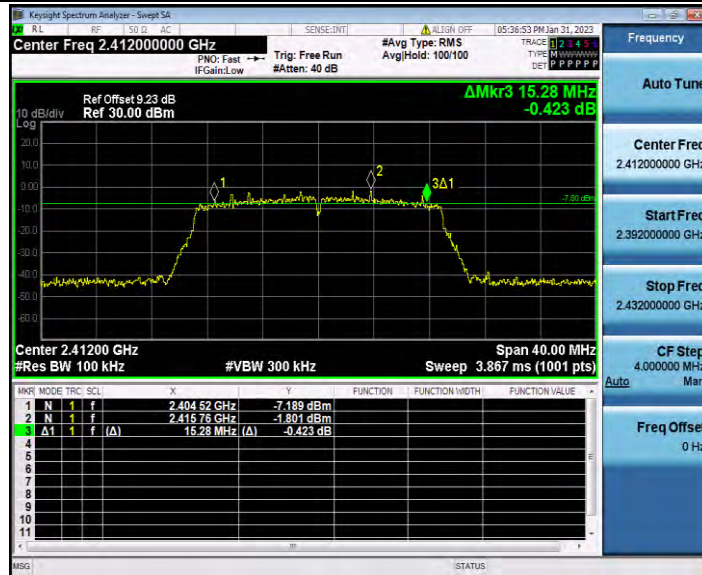
11G_Ant1_2437



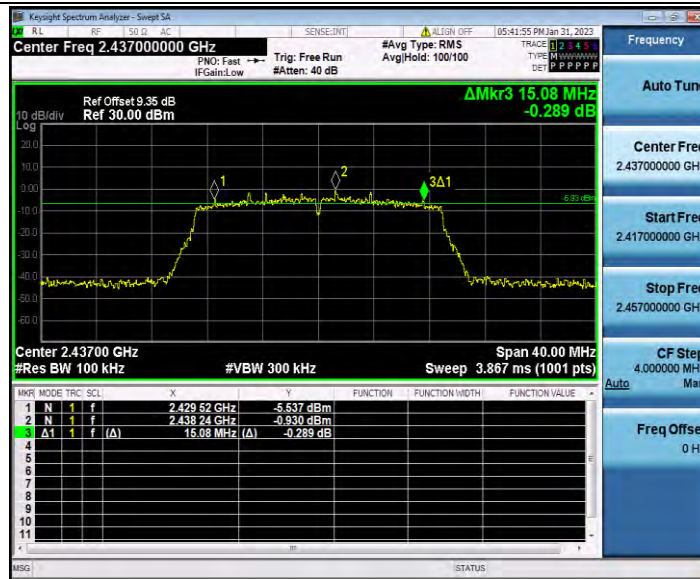
11G_Ant1_2462



11N20SISO_Ant1_2412



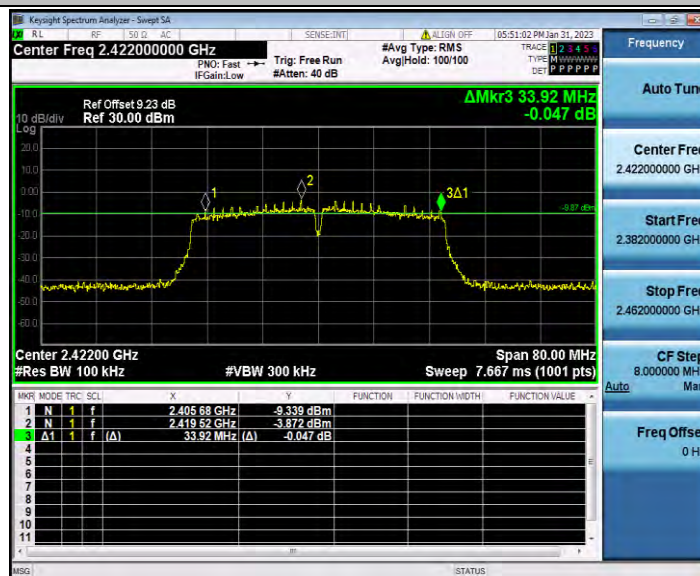
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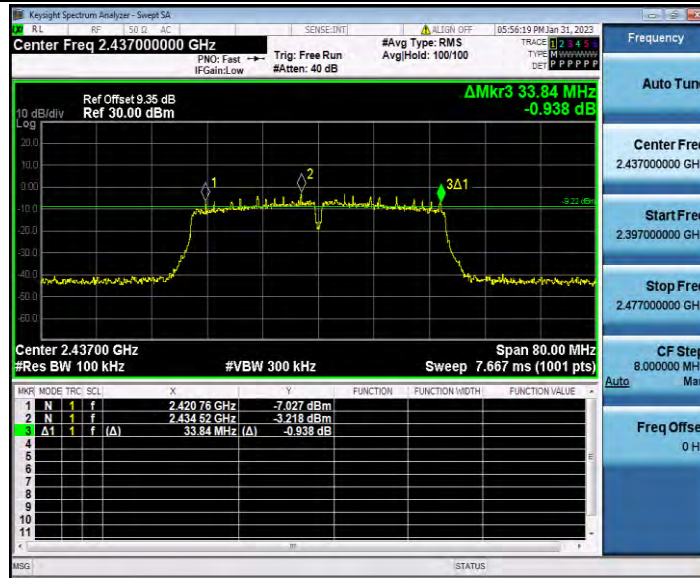
11N20SISO_Ant1_2462



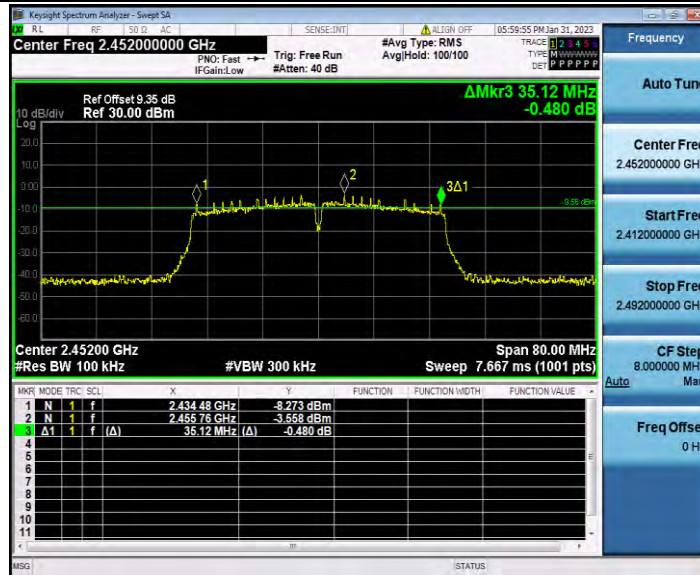
11N40SISO_Ant1_2422



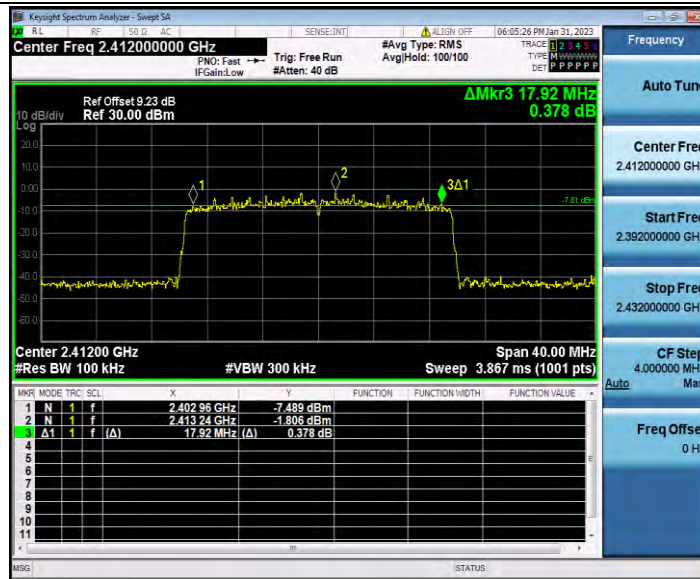
11N40SISO_Ant1_2437



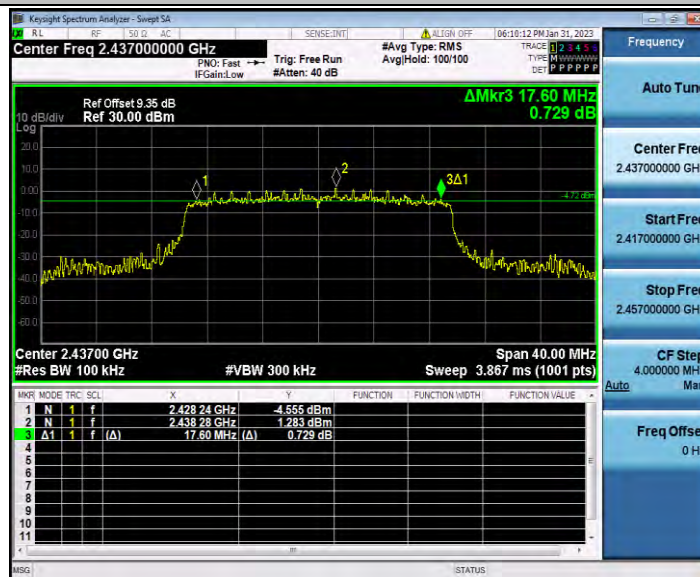
11N40SISO_Ant1_2452



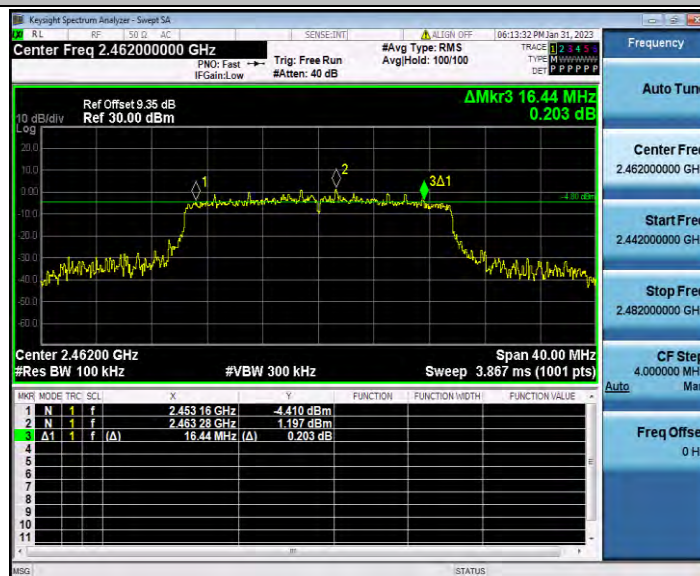
11AX20SISO_Ant1_2412



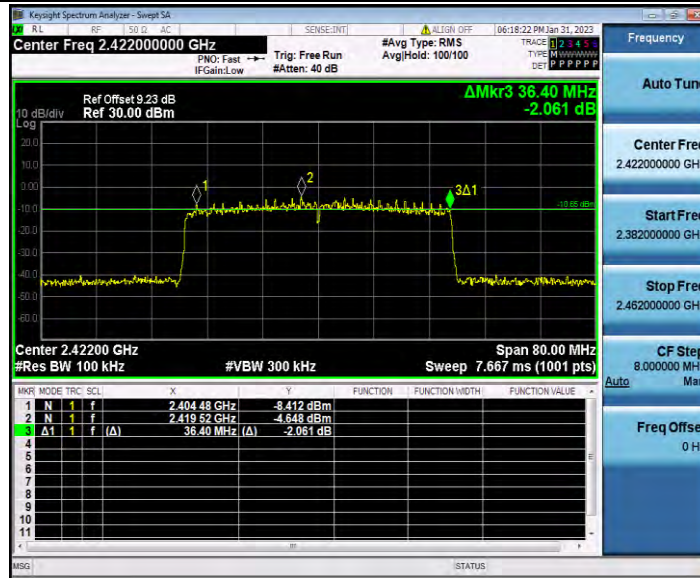
11AX20SISO_Ant1_2437



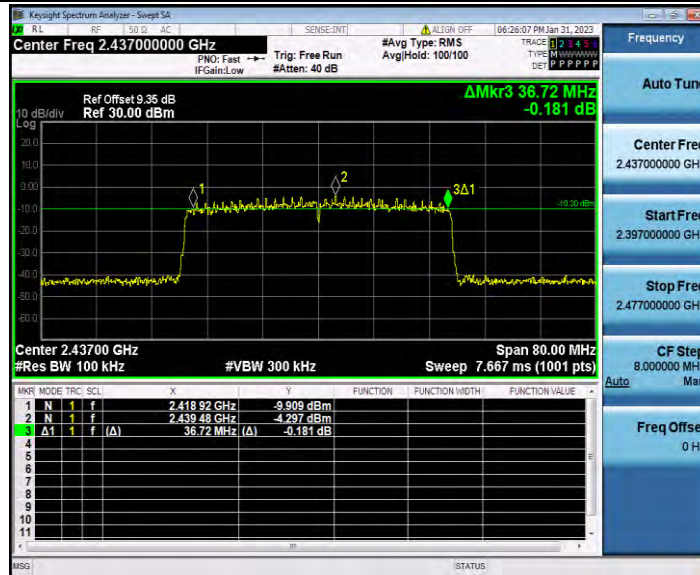
11AX20SISO_Ant1_2462



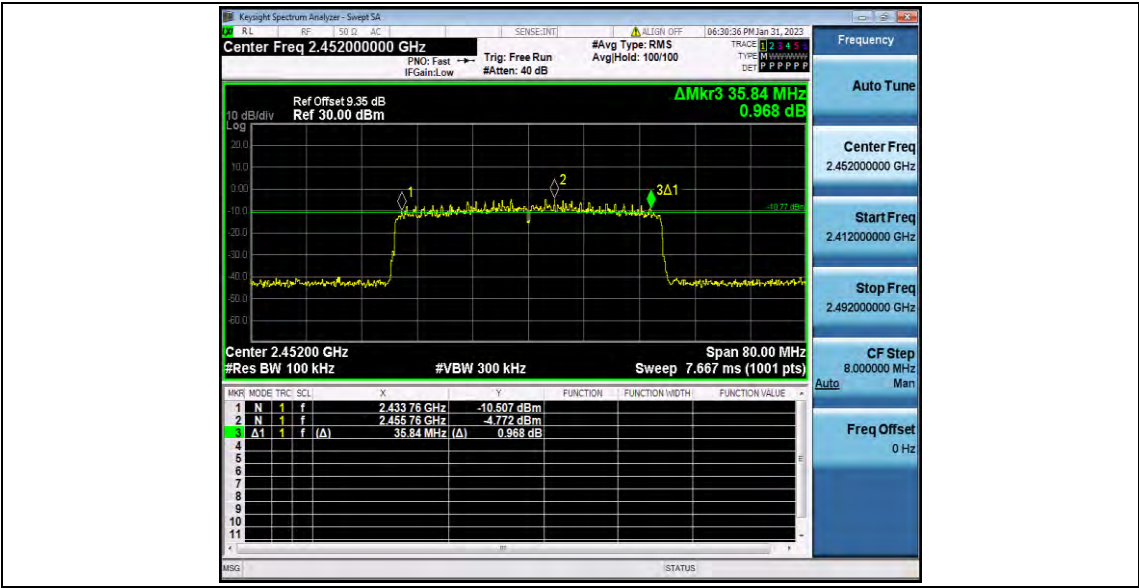
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



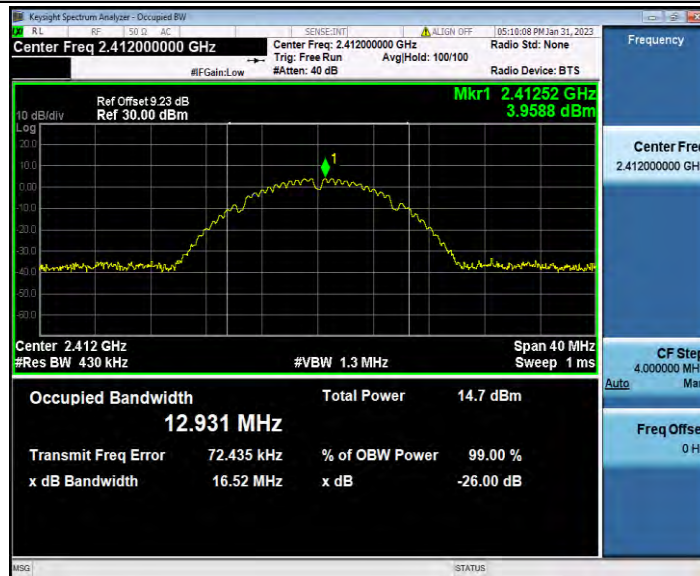
Appendix A.2: Occupied Channel Bandwidth

Test Result

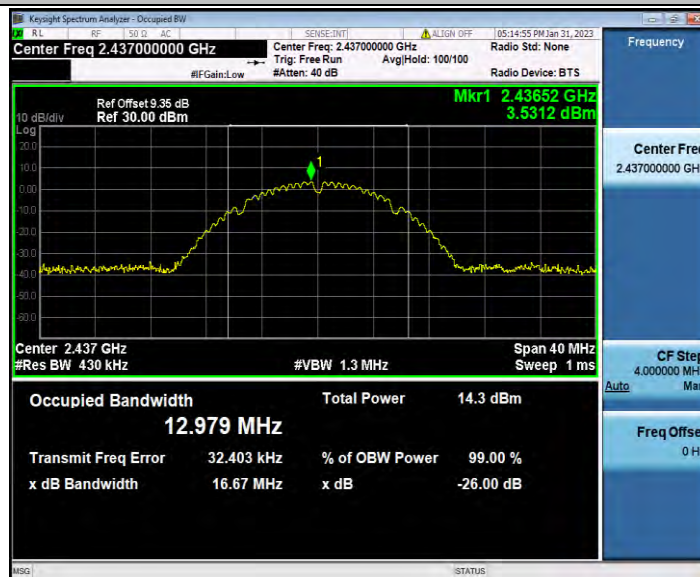
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.931	2405.607	2418.538	---	---
		2437	12.979	2430.543	2443.522	---	---
		2462	12.909	2455.562	2468.471	---	---
11G	Ant1	2412	16.864	2403.632	2420.496	---	---
		2437	16.808	2428.604	2445.412	---	---
		2462	16.780	2453.604	2470.384	---	---
11N20SISO	Ant1	2412	17.800	2403.138	2420.938	---	---
		2437	17.823	2428.129	2445.952	---	---
		2462	17.809	2453.113	2470.922	---	---
11N40SISO	Ant1	2422	36.159	2403.996	2440.155	---	---
		2437	36.123	2419.012	2455.135	---	---
		2452	35.985	2434.081	2470.066	---	---
11AX20SISO	Ant1	2412	18.910	2402.589	2421.499	---	---
		2437	19.121	2427.482	2446.603	---	---
		2462	19.077	2452.482	2471.559	---	---
11AX40SISO	Ant1	2422	37.674	2403.238	2440.912	---	---
		2437	37.687	2418.235	2455.922	---	---
		2452	37.678	2433.242	2470.920	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



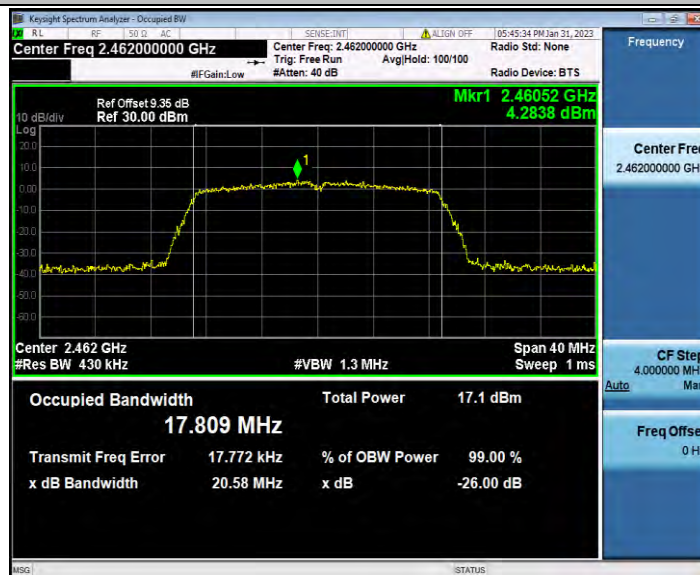
11N20SISO_Ant1_2412



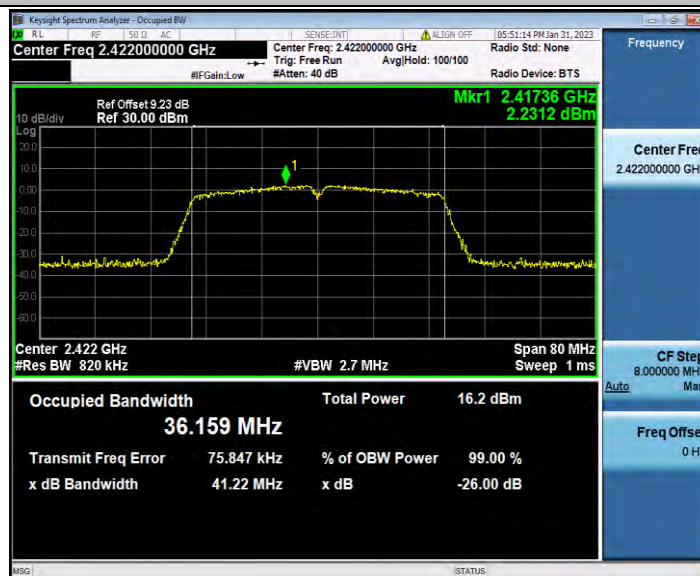
11N20SISO_Ant1_2437



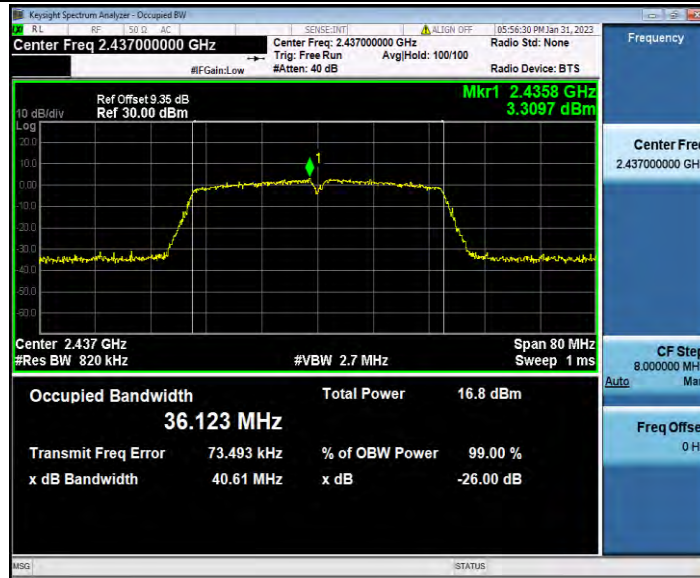
11N20SISO_Ant1_2462



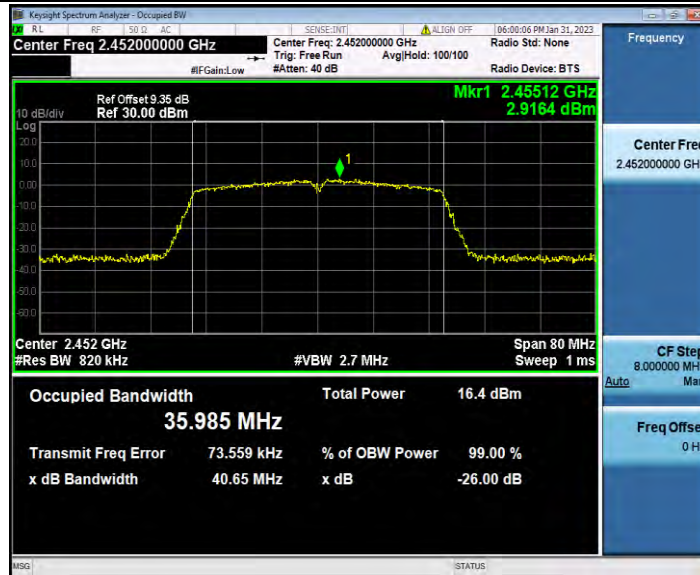
11N40SISO_Ant1_2422



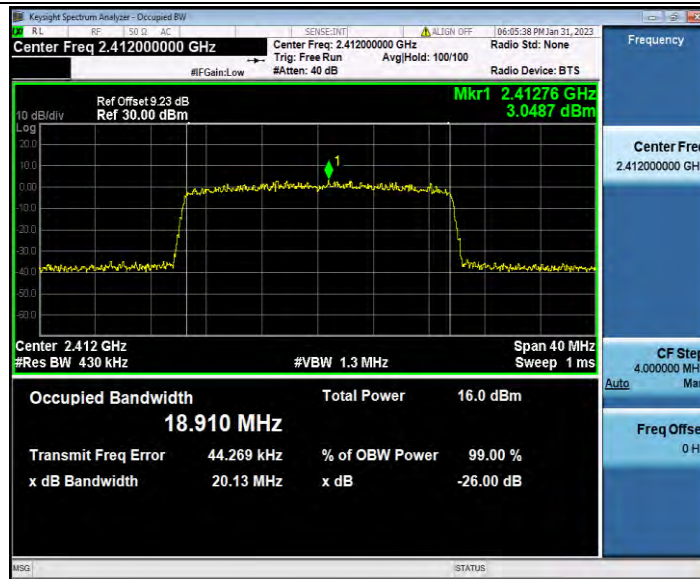
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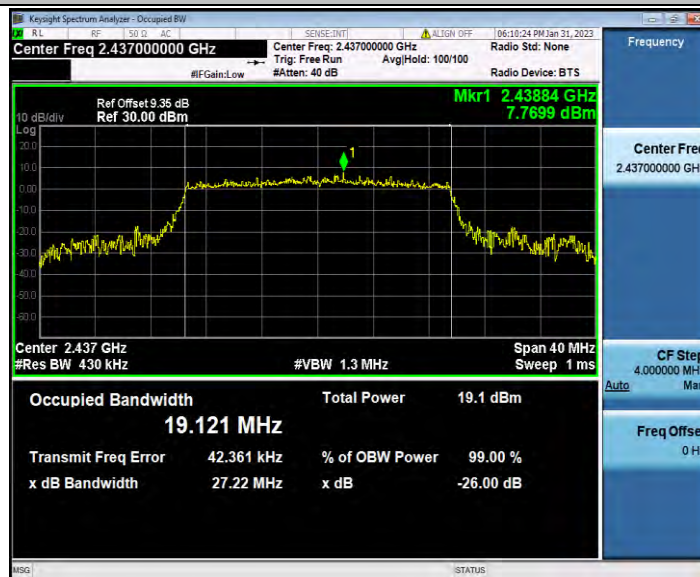
11N40SISO_Ant1_2452



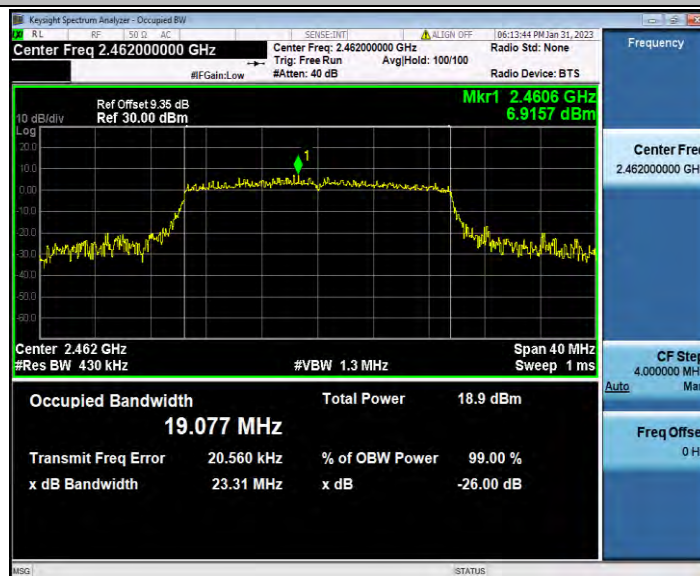
11AX20SISO_Ant1_2412



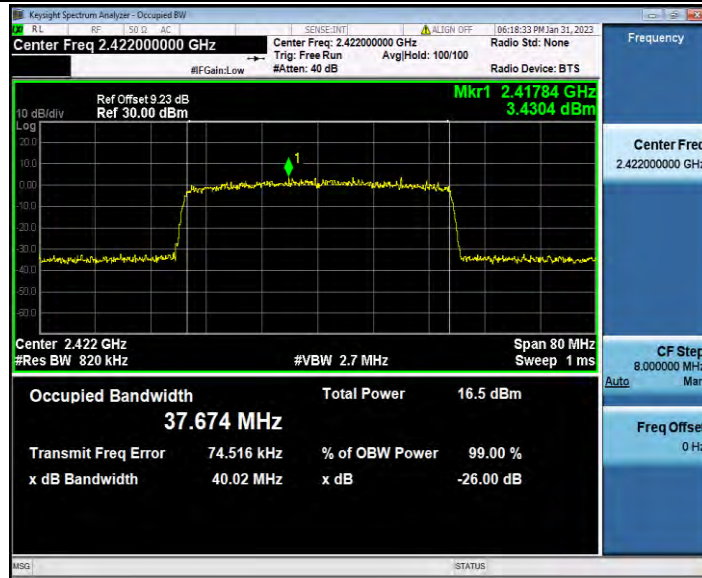
11AX20SISO_Ant1_2437



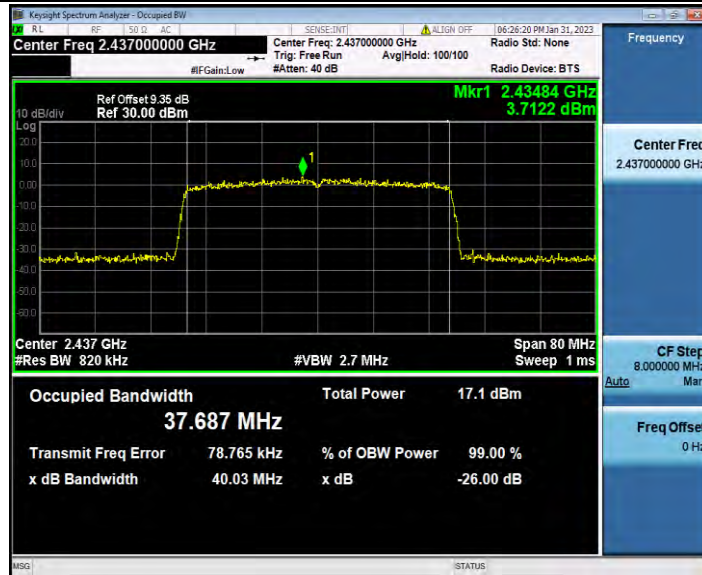
11AX20SISO_Ant1_2462



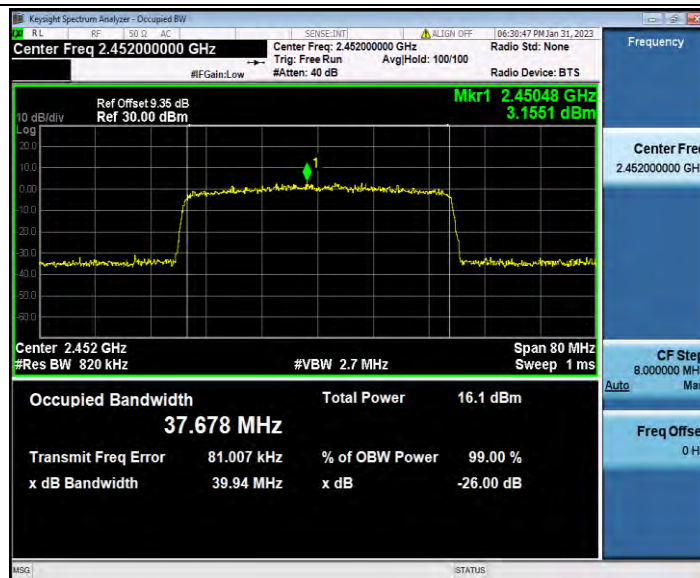
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix A.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[M Hz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	14.71	≤30.00	PASS
		2437	14.31	≤30.00	PASS
		2462	16.06	≤30.00	PASS
11G	Ant1	2412	16.76	≤30.00	PASS
		2437	15.71	≤30.00	PASS
		2462	17.42	≤30.00	PASS
11N20SISO	Ant1	2412	16.52	≤30.00	PASS
		2437	17.17	≤30.00	PASS
		2462	18.33	≤30.00	PASS
11N40SISO	Ant1	2422	16.53	≤30.00	PASS
		2437	17.09	≤30.00	PASS
		2452	16.73	≤30.00	PASS
11AX20SISO	Ant1	2412	16.76	≤30.00	PASS
		2437	19.86	≤30.00	PASS
		2462	19.54	≤30.00	PASS
11AX40SISO	Ant1	2422	16.54	≤30.00	PASS
		2437	17.12	≤30.00	PASS
		2452	16.31	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.59	≤8.00	PASS
		2437	-11.09	≤8.00	PASS
		2462	-9.44	≤8.00	PASS
11G	Ant1	2412	-15.19	≤8.00	PASS
		2437	-15.83	≤8.00	PASS
		2462	-14.23	≤8.00	PASS
11N20SISO	Ant1	2412	-15.3	≤8.00	PASS
		2437	-14.52	≤8.00	PASS
		2462	-13.74	≤8.00	PASS
11N40SISO	Ant1	2422	-17.99	≤8.00	PASS
		2437	-18.24	≤8.00	PASS
		2452	-17.64	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.06	≤8.00	PASS
		2437	-14.71	≤8.00	PASS
		2462	-14.04	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.22	≤8.00	PASS
		2437	-19.82	≤8.00	PASS
		2452	-19.64	≤8.00	PASS

Test Graphs

11B_Ant1_2412



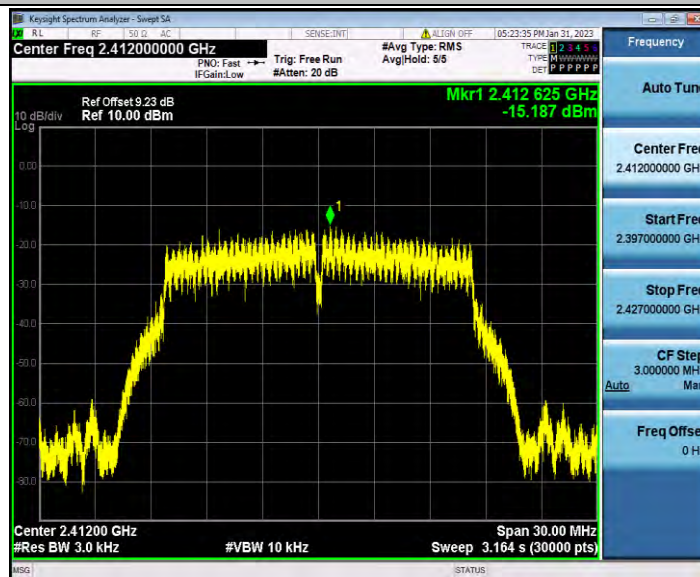
11B_Ant1_2437



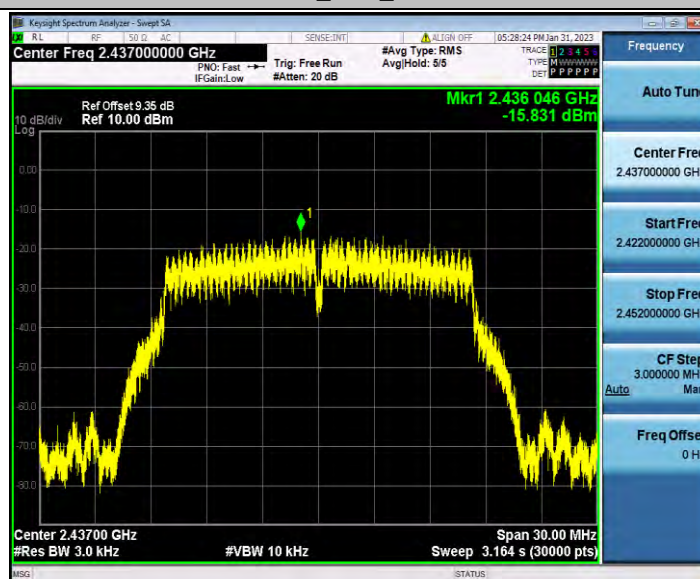
11B_Ant1_2462



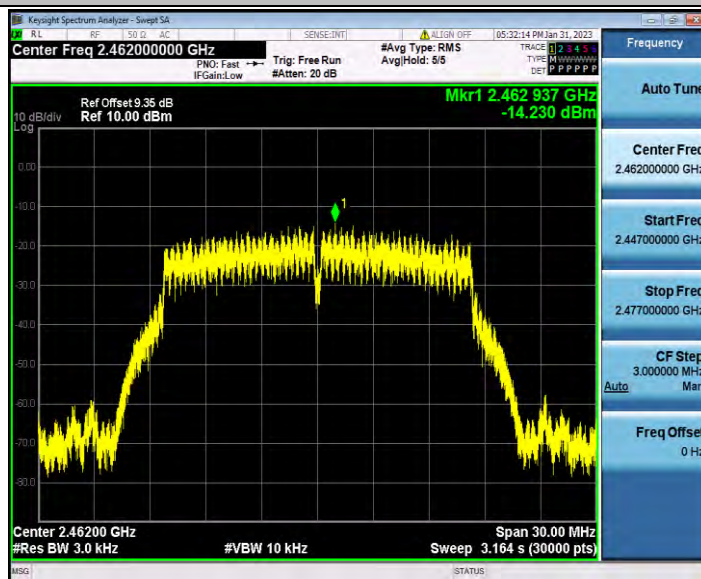
11G_Ant1_2412



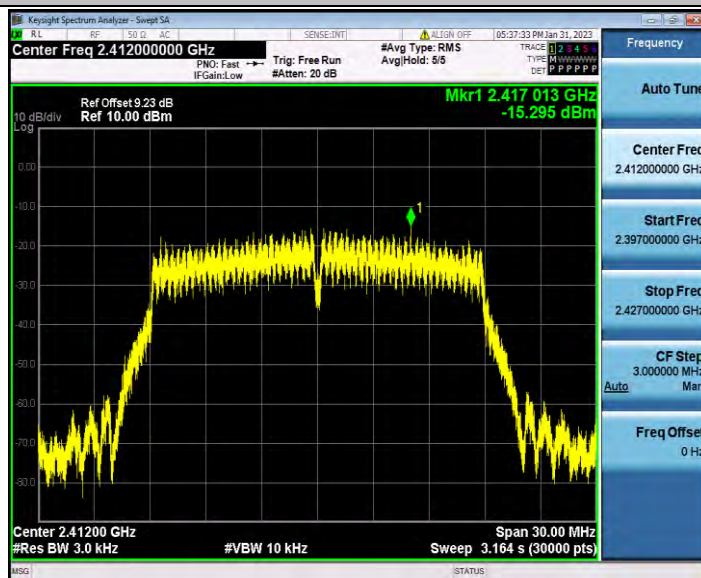
11G_Ant1_2437



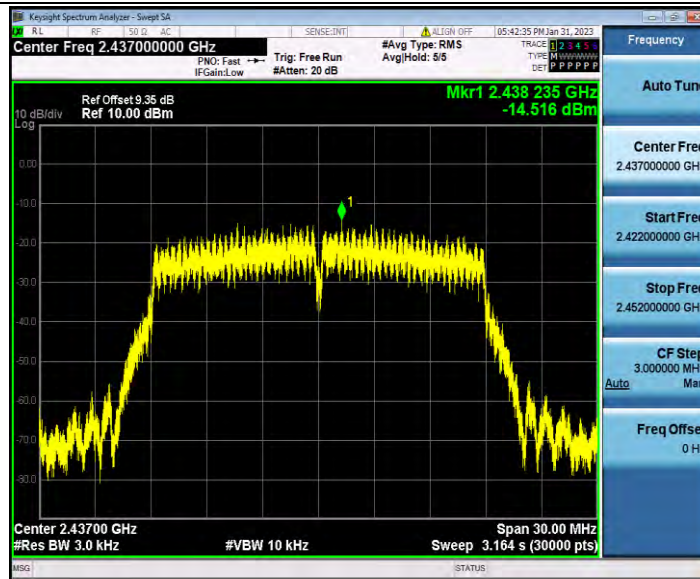
11G_Ant1_2462



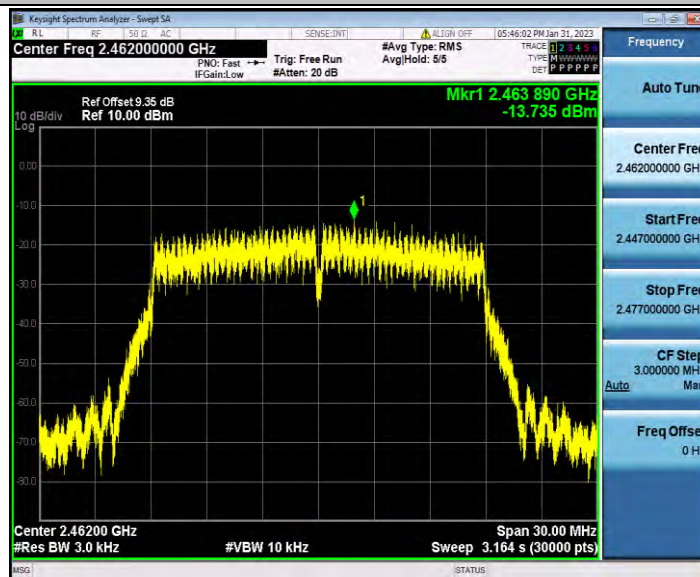
11N20SISO_Ant1_2412



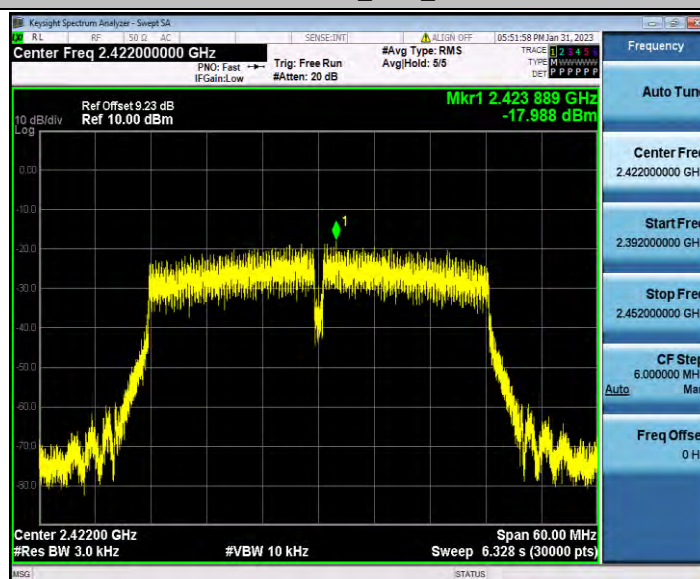
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



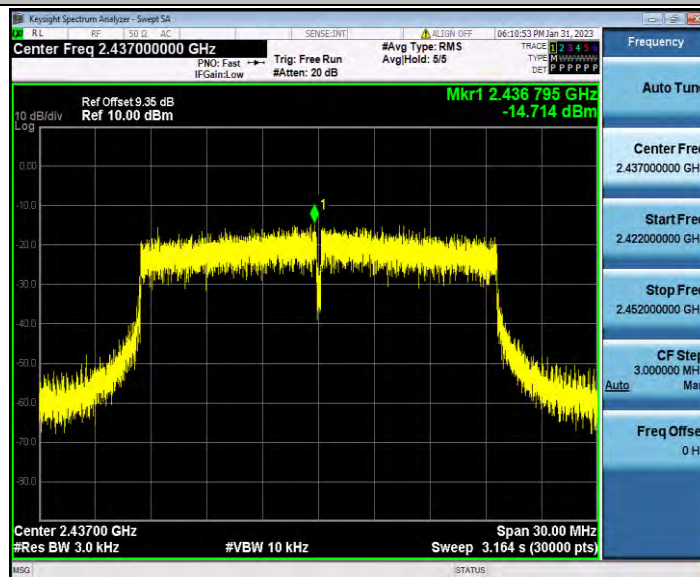
11N40SISO_Ant1_2452



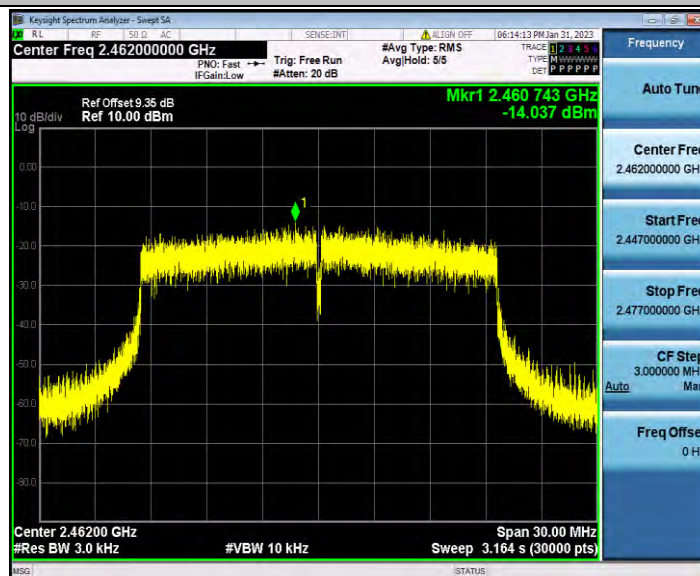
11AX20SISO_Ant1_2412



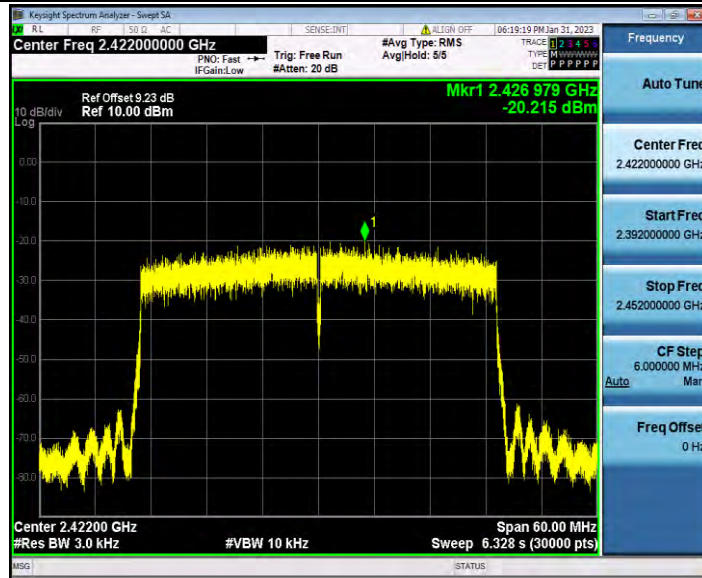
11AX20SISO_Ant1_2437



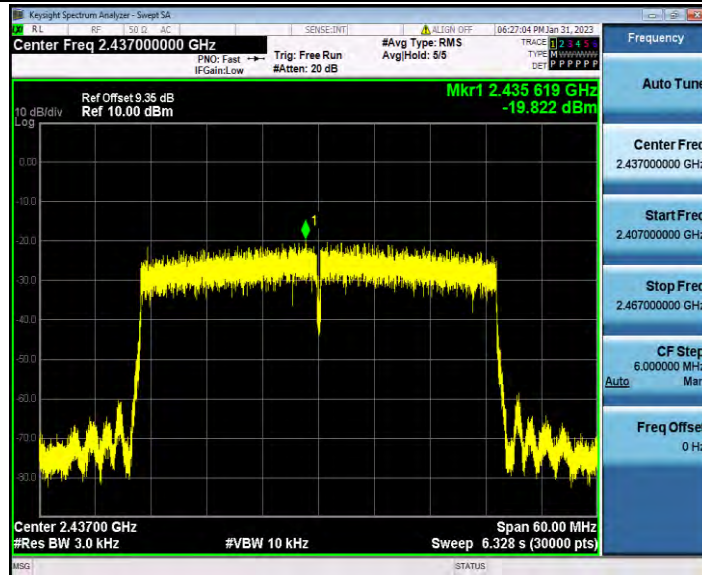
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

